

Title (en)

DEVICE AND METHOD FOR FIXING A METERING MEMBER IN A CONTAINER CONTAINING A PRODUCT TO BE DISPENSED

Title (de)

VORRICHTUNG UND VERFAHREN ZUR HALTERUNG EINES DOSIERORGANES IN EINEM BEHÄLTER DER ABZUGEBENDE PRODUKTE ENTHÄLT

Title (fr)

DISPOSITIF ET PROCEDE DE FIXATION D'UN ORGANE DE DOSAGE DANS UN RECIPIENT CONTENANT DU PRODUIT A DISTRIBUER

Publication

EP 1009682 A1 20000621 (FR)

Application

EP 97948958 A 19971128

Priority

- FR 9702156 W 19971128
- FR 9614641 A 19961129

Abstract (en)

[origin: FR2756547A1] The invention concerns a device for fixing a metering member (10), such as a pump, comprising a body (11), in the neck (2) of a container (1) containing a product to be dispensed, said body (11) of the metering member (10) comprising a portion of smaller diameter (11a) and a portion of larger diameter (11b), the maximum external diameter of said body (11) being smaller than the diameter of said neck (2). The invention is characterised in that a housing (20) is formed in said neck (2) of the container (1), said housing (20) being adapted for receiving a ductile member (30) which, when the fixing device is mounted, is deformed and/or compressed such that it exerts radial force on said neck (2) and on said body (11), said force ensuring the tight fixing of the metering member (10) in the neck (2) of the container (1), said ductile member (30) being urged to be adapted, before the fixing, on said portion with smaller diameter (11a) and being deformed and/or compressed in the housing (20), when the device is fixed, by said portion with larger diameter (11b) of the body (11) of the metering member (10).

IPC 1-7

B65D 83/14; **B05B 11/00**

IPC 8 full level

B05B 11/00 (2006.01); **B65D 47/34** (2006.01)

CPC (source: EP US)

B05B 11/0013 (2013.01 - EP US); **B05B 11/1047** (2023.01 - EP US)

Citation (search report)

See references of WO 9823505A1

Designated contracting state (EPC)

CH DE ES FR GB IT LI

DOCDB simple family (publication)

FR 2756547 A1 19980605; **FR 2756547 B1 19990129**; DE 69713627 D1 20020801; DE 69713627 T2 20030227; EP 1009682 A1 20000621; EP 1009682 B1 20020626; ES 2178787 T3 20030101; US 6186370 B1 20010213; WO 9823505 A1 19980604

DOCDB simple family (application)

FR 9614641 A 19961129; DE 69713627 T 19971128; EP 97948958 A 19971128; ES 97948958 T 19971128; FR 9702156 W 19971128; US 31901299 A 19991029